

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application. Please amend the claims as follows:

Listing of Claims:

1. (Currently Amended) In a computer system, a method for retrieving a resource of program code from a source of program code and placing the resource in secure cache in the computer system, the computer having a computing system profile, the method comprising:
installing a user profile into the computer system to operate based on the user profile rather than the computing system profile;
~~impersonating a user profile in the computing system so that the computing system follows the user profile during retrieval of the resource;~~
picking a first source for the resource;
opening the resource;
impersonating, by the computer system, the user profile at the first source;
testing the computer system's access to the resource based on the user profile, wherein the first source tests whether the user, rather than the computing system, has access to the resource; [[and]]
if the user has access, reading the resource to the secure cache; if the user has access,
if the resource is read to the secure cache, writing the resource to the secure cache of the computer system; and
if the user does not have access, picking a second resource.
2. (Currently Amended) The method of claim 1 further comprising:
~~writing the resource into the secure cache; and~~
verifying the resource written in secure cache is same as resource in source.

3. (Currently Amended) The method of claim 1 further comprising:
~~picking a new source for the resource if the user does not have access; and~~
opening the resource in the second new-source; and
reading the resource to the secure cache if the user has access to the resource in the
second new-source.
4. (Original) The method of claim 3 further comprising:
writing the resource into the secure cache; and
verifying the resource written in secure cache is same as resource in source.
5. (Original) The method of claim 4 further comprising:
un-impersonating the user profile to return the computing system to the system profile.
6. (Currently Amended) A source engine system₁ in a computing system having a
computing system profile, for retrieving a program code resource from one of a plurality of
sources of program code for a user with a user profile, the source engine system comprising:
an open resource module for opening a program code resource in a source if the user has
access;
a pick source module picking a second source for the resource program code if the user
does not have access; ~~[[and]]~~
a read data module providing ~~putting~~ the program code resource to a writer module ~~for a~~
~~secure cache in the computing system~~;
the writer module writing the program code resource into the secure cache of the
computing system; and
wherein the source engine system loads the user profile to impersonate the user profile
rather than the computing system profile during retrieval of the program code

resource and returns to the computing system profile after the program code resource is written to a secure cache.

7. (Original) The system of claim 6 further comprising:
an extractor module extracting a program code resource contained within another program code resource.
8. Cancelled
9. (Currently Amended) The system of claim 8 further comprising:
a verify module verifying the program code resource in the secure cache matches the program code resource in the source; and
a delete module deleting the program code resource from secure cache if the program code resource in the secure cache does not match the program code resource in the source.
10. (Original) The system of claim 9 further comprising:
a mark module marking the program code resource available to the computing system if the program code resource is verified by the verify module.
11. Cancelled
12. (Currently Amended) A computer storage readable medium for storing computer ~~instructions for~~ a computer process having computer-executable instructions executing a method for caching a resource in a secure cache in a [[the]] computing system having a computing system profile, the method ~~computer process~~ comprising:
loading a user profile into the computing system;
replacing the computing system profile with the user profile ~~when caching a resource;~~
determining if a user has access to a resource according to the user profile;

reading the resource from a source of program code if the user profile indicates the user has access; [[and]]
writing the resource into a secure cache when the resource is read from the source of program code; and
removing the user profile and returning to the system profile after writing the resource into cache.

13. (Currently Amended) The computer readable medium of claim 12 wherein the computer process further comprises:

detecting whether or not the resource is in the secure cache;
verifying the resource if [[it]] the resource is in the secure cache; and
deleting the resource from secure cache if the resource is not verified;

14. (Currently Amended) The computer readable medium of claim 13 wherein the computer process further comprises:

testing whether the resource is contained in a second ~~another~~ resource if [[it]] the resource is not in the secure cache; and
extracting the resource from the the second ~~another~~ resource if [[it]] the resource is contained in the second ~~another~~ resource.

15. (Currently Amended) The computer readable medium of claim 12 wherein ~~where in the computer process~~ the act of reading comprises:

opening the resource in a first source if the user has access to the resource in the first source;
picking a second source for the resource if the user does not have access to the resource in the first source; and

opening the resource in the second source.

16. (Currently Amended) The computer readable medium of claim 12, wherein ~~where in the computer process~~ the act of writing a resource further comprises:

verifying the resource written into the secure cache matches the resource in the source.

17. (Currently Amended) The computer readable medium of claim 16, wherein ~~where in the computer process~~ the act of writing a resource further comprises:

deleting the resource written into the secure cache if the resource does not match the resource in the source.

18. (Currently Amended) The computer readable medium of claim 16, wherein ~~where in the computer process~~ the act of writing a resource writes the resource into the secure cache while the resource is being read from the source.